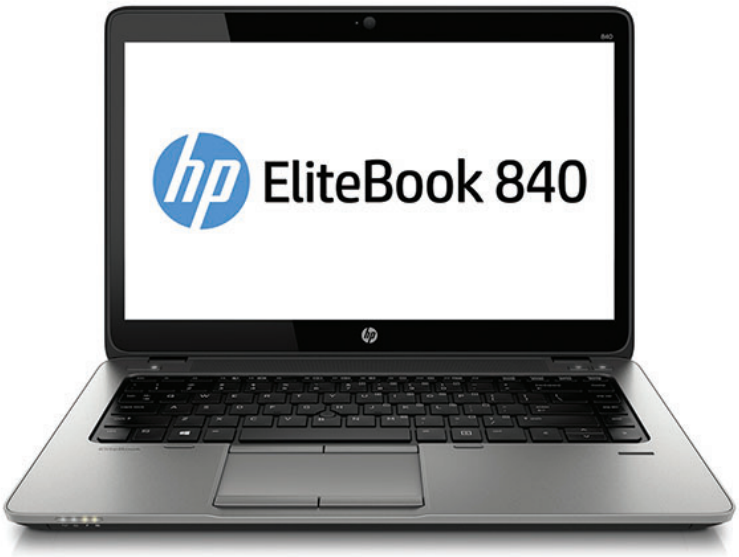
Datasheet

HP EliteBook 840 G1 Notebook PC

Now employees can hit the road with a travel pro. The HP EliteBook 840 G1 industry leading Ultrabook™[1] is ultra-productive in and out of the office. Work with confidence thanks to proven enterprise technologies and enterprise security, performance and management features that will meet all your business needs.



HP recommends Windows.

Sleek and sturdy.

It's time for an upgrade to the dramatically thin, light design of the HP EliteBook 840 G1 Ultrabook™[1] with a luxurious and soft touch finish.
Join forces with the latest generation Intel® architecture[1] and operate at peak performance levels with Intel Smart Response Technology[2] for disk cache and expand total storage options with an additional mini-card SSD.
Dock up for an enterprise desktop experience using the optional UltraSlim Docking Station[3] with a convenient side connector and dual DisplayPorts for multiple display support.[4]

It's all about the connections.

Exercise full control over your wireless connections through a single user interface with support for most networks, including optional new 4G WWAN,[6] using HP Connection Manager.[5]
Easily share your internet connection with up to five devices with HP Wireless Hotspot.[7] Help colleagues get online and improve productivity.
Take productivity to a whole new level with innovative software like HP ePrint[8] and HP PageLift[9] on the HP EliteBook 840 G1.
Bridge distances on the HP EliteBook 800 series, optimized for communication with Microsoft Lync,[10] premium audio/video and optional full-HD display.

Solid security.

HP Sure Start restores productivity and reduces IT help desk calls in the event of a BIOS attack or corruption. Exclusively from HP, HP Sure Start helps reduce down time for users and IT.[11]
Keep sensitive information in safe hands. HP Trust Circles helps protect your data by ensuring that only assigned contacts can access critical files.[12]
Stay up and running. HP BIOS Protection offers enhanced protection against virus attacks to the BIOS and other security threats, and is designed to help prevent data loss and reduce downtime.[13]
Safeguard data, devices and identities with HP's hassle-free Client Security portfolio,[14] including HP Drive Encryption,[15] HP Device Access Manager with Just In Time Authentication, and HP Secure Erase.[16]
Ensure smooth sailing with stable and consistent images, managed lifecycle transitions and Global Series support you can rely on.[17]

Road ready.

Never fear accidental bumps and minor spills. HP EliteBooks undergo challenging tests so you don't have to. During the HP Total Test Process, PCs experience 115,000 hours of performance trials to ensure they can withstand rigorous work environments.
Designed to be travel-tough, the HP EliteBook thin and light notebooks feature a new, soft touch finish and are designed to undergo MIL-STD 810G testing.[18]
Enjoy the intuitive control of the tough Corning® Gorilla® Glass touch screen that lets you make the most of Windows 8.[19]

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Operating System	Windows 8 64[1] Windows 8 Pro 64[1] Windows 7 Professional 32 (available through downgrade rights from Windows 8 Pro 64)[2] Windows 7 Professional 64 (available through downgrade rights from Windows 8 Pro 64)[2] Windows 7 Professional 32[3] Windows 7 Professional 64[3] Windows 7 Home Premium 32[3] Windows 7 Home Premium 64[3] SUSE Linux FreeDOS
Processor Family	Intel® Core™ i7 processor; Intel® Core™ i5 processor; Intel® Core™ i3 processor[14]
Processor	Intel® Core™ i7-4600U with Intel HD Graphics 4400 (2.1 GHz, 4 MB cache, 2 cores); Intel® Core™ i5-4300U with Intel HD Graphics 4400 (1.9 GHz, 3 MB cache, 2 cores); Intel® Core™ i5-4200U with Intel HD Graphics 4400 (1.6 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-4010U with Intel HD Graphics 4400 (1.7 GHz, 3 MB cache, 2 cores)
Chipset	Chipset is integrated with processor
Memory	Up to 16 GB 1600 MHz DDR3L SDRAM[4] Memory slots: 2 SODIMM
Internal Storage	320 GB up to 500 GB SATA (7200 rpm)[5] up to 1 TB SATA (5400 rpm)[5] up to 500 GB SATA SED[5] up to 120 GB M.2 SSD[5] 128 GB up to 180 GB SATA SSD[5] up to 256 GB SATA SE SSD[5]
Display	35,56 cm (14") diagonal LED-backlit HD anti-glare (1366 x 768); 35,56 cm (14") diagonal LED-backlit HD+ touch (1600 x 900); 35,56 cm (14") diagonal LED-backlit HD+ anti-glare (1600 x 900); 35,56 cm (14") diagonal LED-backlit FHD anti-glare slim (1920 x 1080)[8]
Graphics	Integrated: Intel® HD Graphics 4400; Discrete: AMD Radeon HD 8750M (1 GB GDDR5 dedicated)
Audio/Visual	HD Audio with DTS Studio Sound; Integrated dual-microphone array; 2 Integrated stereo speakers
Wireless Support	HP hs3110 HSPA+ Mobile Broadband; HP lt4112 LTE/HSPA+ Mobile Broadband; Broadcom 802.11a/b/g/n (2x2) and Bluetooth 4.0 Combo; Intel Dual Band Wireless-AC 7260 802.11ac (2x2) WiFi and Bluetooth 4.0 Combo; Intel Dual Band Wireless-N 7260AN 802.11a/b/g/n (2x2) WiFi and Bluetooth 4.0 Combo; Intel Dual Band Wireless-N 7260NB 802.11a/b/g/n (2x2) WiFi[9,10,15,30,32]
Communications	Intel I218-LM Gigabit Network Connection (10/100/1000 NIC)
Expansion Slots	1 Media Card Reader
Ports and Connectors	3 USB 3.0; 1 USB 3.0 charging; 1 DisplayPort; 1 VGA; 1 combo stereo headphone/mic jack; 1 AC power; 1 RJ-45; 1 docking connector; 1 secondary battery connector
Input Device	Spill-resistant keyboard with drain; optional backlit[10] Touchpad with on/off button, two-way scroll, gestures, two pick buttons; Pointstick with two additional pointstick buttons 720p HD webcam (select models)[8,10]
Software	HP 3D DriveGuard; HP Connection Manager (Windows 7); HP Wireless HotSpot; HP Mobile Connect (EMEA only); HP PageLift; HP Recovery Manager; HP Support Assistant; HP ePrint; Buy Office[7,11,12,24]
Security	HP Client Security Suite includes: HP Credential Manager, HP Password Manager, HP File Sanitizer and HP Device Access Manager with Just in Time Authentication; HP BIOSphere with Sure Start technology; HP Drive Encryption; HP Secure Erase; HP Trust Circles; Microsoft Security Essentials (Windows 7) & Microsoft Defender (Windows 8); HP SpareKey; Absolute Data Protect; TPM Embedded Security Chip 1.2; Security lock[6,16,17,18,19,20,28]
Dimensions	33.89 x 23.7 x 2.1 cm (at front); 33.89 x 23.7 x 2.25 (Touch Screen)
Weight	Starting at 1.58 kg
Energy Efficiency Compliance	ENERGY STAR® qualified configurations available
Environmental Specifications	Low halogen
Power	Integrated: 45W Smart AC adapter; 65W Smart AC adapter; Discrete: 65W Smart AC adapter[10]
Battery Type	Primary: 3-cell (24 WHr) HP Long Life; 3-cell (50 WHr) HP Long Life; Secondary: 6-cell (60 WHr) HP Long Life slice (optional)[10]
Warranty	3-year limited warranty (upgrades available, sold separately), 3-year warranty on HP Long Life Battery (available only with the 3-year limited platform warranty)

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Accessories and services (not included)

HP 65W Smart Travel AC Adapter

AC power adapters from HP power your notebook and charge the internal battery simultaneously. These adapters provide you with the ability to power your notebook when away from the office or on the road. The HP 65W Slim Travel Adapter is perfect for international travelers or "road warriors" who are always on the go. The adapter is 40% thinner than the standard 65W adapter and includes a convenient USB port for charging other accessories while you work. Four international adapter plugs help make sure your Slim Travel Adapter works wherever you do. A stylish protective carrying case keeps everything together.
Product number: AU155AA

HP Comfort Grip Wireless Mouse

The HP Comfort Grip Wireless Mouse features a 30-month battery life and a bold, modern design that integrates seamlessly with HP Business Notebooks.
Product number: H2L63AA

HP Ultraslim Keyed Cable Lock

Secure your HP Ultrabook™ or laptop PC quickly and easily with the HP Ultraslim Keyed Cable Lock.
Product number: H4D73AA

HP Professional Slim Top Load Case

HP Professional Slim Top Load Case lets you store folders and other documents, and features storage areas for business cards, PDAs, cell phones, pens, an AC adapter and any additional items needed for a long stay away from the office or home. Designed for ultra-mobile professionals who are on the road frequently and for long periods of time.
Product number: H4J91AA

3-year Next Business Day Onsite

Care Pack

Receive 3 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely
Product number: U4414E

Learn more at
www.hp.eu/hpoptions

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Footnotes

[1] Not all configurations will be classified as Ultrabooks™.; [2] Requires a compatible Intel® Core processor, enabled chipset, Intel® Rapid Storage technology software and non-SED HDD optional mSATA SSD flash cache module. Intel® Smart Response Technology is only available on select 2013 HP systems. Depending on system configuration, results may vary. mSATA SSD is planned to be available in August 2013.; [3] Sold separately.; [4] Support for external displays as a standard feature through integrated processor-based graphics is dependent upon the particular PC platform/form factor; the actual number of displays supported will vary. An optional discrete graphics solution will be required for the support of additional displays. Additional cables required. DisplayPort with multi-stream through integrated graphics is planned to be available in fall 2013 as an integrated feature and as a web update in late summer 2013.; [5] HP Connection Manager available on Windows 7 only.; [6] WWAN is an optional feature sold separately or as an add on feature. WWAN connection requires wireless data service contract, network support, and is not available in all areas. Contact service provider to determine the coverage area and availability. Connection speeds will vary due to location, environment, network conditions, and other factors.; [7] The wireless hotspot application requires an active internet connection and separately purchased data plan. While HP wireless hotspot is active, on-device applications will continue to work and will use the same data plan as the wireless hotspot. Wireless hotspot data usage may incur additional charges. Check with your service provider for plan details. Requires Windows 8.; [8] Requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hpconnected.com). Mobile devices require Internet connection and email capability. May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. Some HP LaserJet printers may require firmware upgrades.; [9] Requires Windows 8.; [10] Microsoft Lync software sold separately. Requires optional webcam and internet access, sold separately.; [11] HP Sure Start is available only on EliteBook 800 and Workstation ZBook series products.; [12] HP Trust Circles Standard, when included, allows up to 5 Trust Circles with up to 5 contacts in each Trust Circle. Optional Trust Circles Professional required for unrestricted number of Trust Circles and members contacts. Trust Circles Reader is available to allow a contact to participate in an invited Trust Circle. Requires Windows.; [13] HP Tools partition with HP BIOS required for automatic recovery.; [14] HP Client Security requires Windows.; [15] Requires Windows. Data is protected prior to Drive Encryption login. Turning the PC off or into hibernate logs out of Drive Encryption and prevents data access.; [16] For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88.; [17] Elite Support is currently available in the U.S. and Canada.; [18] MIL-STD testing is pending and is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions.; [19] Not all features are available in all editions of Windows 8. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 8 functionality. See http://www.microsoft.com.

Technical specifications disclaimers

[1] Not all features are available in all editions of Windows 8. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 8 functionality. See http://www.microsoft.com for details.; [2] This system is preinstalled with Windows 7 Pro software and also comes with a license and media for Windows 8 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.; [3] This system may require upgraded and/or separately purchased hardware to take full advantage of Windows 7 functionality. Not all features are available in all editions of Windows 7. See http://windows.microsoft.com/en-us/windows7/products/home for details.; [4] Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.; [5] For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16GB (for Windows 7) of system and up to 36 GB (for Windows 8) disk is reserved for system recovery software.; [6] Absolute Data Protect agent is shipped turned off, and must be activated by customers. Service may be limited, check with Absolute for availability outside the U.S. The optional subscription service of Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: http://www.absolute.com/company/legal/agreements/computrace-agreement. If Data Delete is utilized, the Recovery Guarantee payment is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either create a PIN or purchase one or more RSA SecurID tokens from Absolute Software.; [7] Some functionality of this technology, such as Intel® Active management technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on 3rd party software providers. Windows required.; [8] HD content required to view HD images.; [9] Wireless access point and Internet service is required and is not included. Availability of public wireless access points limited.; [10] Sold separately or as an optional feature.; [11] The wireless hotspot application requires an active internet connection and separately purchased data plan. While HP wireless hotspot is active, on-device applications will continue to work and will use the same data plan as the wireless hotspot. Wireless hotspot data usage may incur additional charges. Check with your service provider for plan details. Requires Windows 8.; [12] Requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hpconnected.com). Mobile devices require Internet connection and email capability. May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. Some HP LaserJet printers may require firmware upgrades.; [14] Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. 64-bit computing on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers, and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.; [15] WWAN is an optional feature sold separately or as an add on feature. WWAN connection requires wireless data service contract, network support, and is not available in all areas. Contact service provider to determine the coverage area and availability. Connection speeds will vary due to location, environment, network conditions, and other factors.; [16] Requires Internet Explorer, IE8 or IE9. Some websites and applications may not be supported.; [17] For the use cases outlined in the DOD 5220.22-M Supplement. Does not support Solid State Drives (SSDs). Initial setup required. Web history deleted only in Internet Explorer and Firefox browsers and must be user enabled.; [18] Requires Windows. Data is protected prior to Drive Encryption login. Turning the PC off or into hibernate logs out of Drive Encryption and prevents data access. 2013 Desktops are planned to support drive encryption in October 2013.; [19] For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88.; [20] HP Trust Circles Standard, when included, allows up to 5 Trust Circles with up to 5 contacts in each Trust Circle. Optional Trust Circles Professional required for unrestricted number of Trust Circles.; [24] HP Connection Manager available on Windows 7 only.; [28] HP Tools partition with HP BIOS required for automatic recovery.; [30] 4G LTE not available on all products, in all regions and only available on products featuring Intel processors.; [32] Wireless access point and internet access required. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications. differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ac WLAN devices.

Learn more at
www.hp.eu/notebooks

Get engaged with HP Financial Services
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